

maxell

AC 3000

Digital Camera AC/DC Power Adapter



User Manual



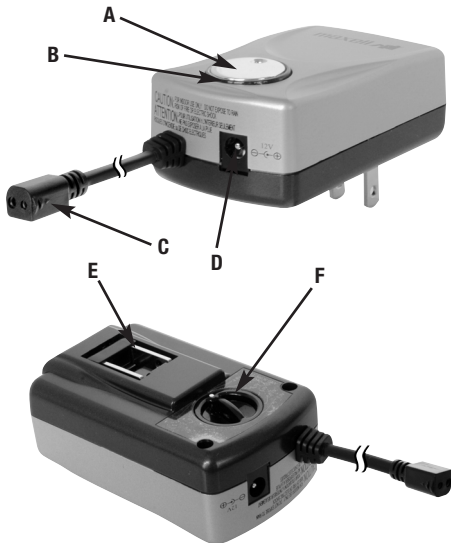
INTRODUCTION

Congratulations! You have purchased one of the most innovative products on the market today. It is designed to output DC voltage from 3.3 to 8.4v by applying input voltage 100-240Vac or 12Vdc.

- Compatible to a wide range of DC camera adapters - refer to the compatibility list.
- Wall plug-in operation from 100 – 240Vac (50 / 60 Hz).
- Car Cigarette Adapter operation 10 – 14 Vdc.
- Dedicated output tips (DC plug) are suited for different IT equipment.
- Voltage and polarity selection knob for pre-setting voltage.
- Polarity indication by use of different color LED indication.
- Over and under voltage protection.
- Built-in reverse polarity detection, short circuit detection and timer protection.
- Over current and short circuit protection.
- Compact size and lightweight.

***Please read this manual before using your Charger.
It explains how to operate this product. Figure 1 illustrates
the components.***

Figure 1



AC 3000 Parts and Components

- A.** Voltage Indicator
- B.** Power and polarity indicator
- C.** Output Cord and Tips

- D.** Car Cigarette Plug input (12Vdc)
- E.** AC input blades (100-240Vac)
- F.** Voltage and polarity selector

ACCESSORIES

United Kingdom/Hong Kong adapter



European adapter



Output Plugs Tips



A



B



C



D



E



F



G

Tips	Dimension : Outer diameter * Inner Diameter * Length
A	4.75 mm * 1.70 mm * 10.8 mm
B	4.00 mm * 1.70 mm * 10.8 mm
C	3.75 mm * 1.10 mm * 10.8 mm
D	3.00 mm * 1.10 mm * 11.6 mm
E	2.35 mm * 0.70 mm * 9.40 mm
F	For Sony Camcorder / Digital Camera
G	For Sony Camcorder / Digital Camera

Cigarette Plug Cord



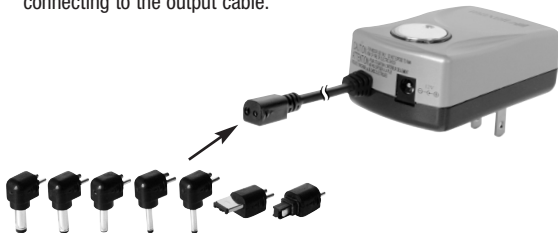
OPERATING INSTRUCTIONS

IMPORTANT: *The following instructions must be read before using the adapter for the first time.*

This section explains how to select the output Tips and set the output voltage / polarity and power up the Adapter.

Select the output Tips

- Select the appropriate adapter tip for your digital camera. Choose the tip with correct dimension specified in the compatibility list, or checked by direct fitting the tip direct to the equipment without connecting to the output cable.



- Before selecting the voltage setting, please refer to compatibility list to confirm the polarity
 - Center Positive output or
 - Center Negative output

****** For Sony adapter (Tips F & G) the polarity should be Positive.

Note: *Special care should be taken at this point. Double verification is suggested to check voltage and polarity marking on the equipment.*

- After confirming the polarity and voltage required, rotate the Voltage Selector Knob at the bottom to the appropriate voltage range.

Red marking – Center negative voltage



Green/Blue marking – Center positive voltage



- Plug the adapter into the wall outlet (100-240 Vac) or connect to the 12Vdc through the Cigarette Adapter.
 - Center Positive selection, Green or Blue LED indication appears and selected voltage value will be indicated.
 - Center Negative selection, Red LED indication appears and selected voltage value will be indicated.
- Connect the output to the equipment. The equipment will power up as usual.

NOTE: DO NOT set the voltage and connect to the equipment after Powering up the unit. Improper Voltage setting will cause damage to the equipment connected.

LED STATUS INDICATOR

LED	Status
Blue / Green	Power up with Positive Output DC Voltage
RED	Power up with Negative Output DC Voltage
LED Dim	Output over current
No Light	NO Power or Output short circuit

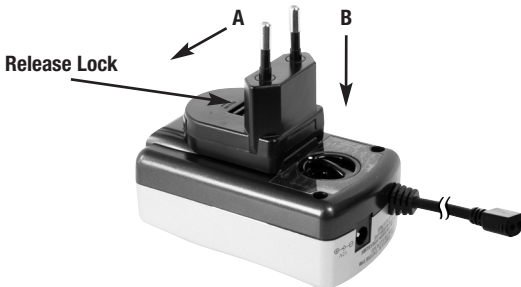
ADAPTER FITTING

Installing the Adapter

Insert the Adapter in the direction indicated by Arrow **A** until it snaps into the Main Housing. Push the adapter in the direction indicated by Arrow **B** until you hear a click.

Uninstalling the Adapter

Press the Release Lock in the direction indicated by Arrow **A**. Flip the adapter in the opposite direction of Arrow **B**. The Adapter can be released.



SAFETY PRECAUTIONS & MAINTENANCE:

- **DO NOT** use this Adapter unit inside a drawer, closed cabinet, or cover with a cloth. The heat generated from operation may damage Adapter or equipment connected.
- **DO NOT** attempt to open the unit. Doing so will void your warranty.
- **DO NOT** short-circuit the output terminal.
- **DO NOT** allow moisture of any kind to come in contact with the Adapter. Never immerse in water for any reason.
- **DO NOT** store in an area which may expose the Adapter to extreme temperatures. Avoid placing in direct sunlight. High temperatures will shorten the life of electronic devices; damage batteries and warp or melt plastics.
- **DO NOT** drop the unit. A severe jolt may cause permanent damage and is not covered by the warranty.

TECHNICAL SPECIFICATIONS:

Technology:	Switching Mode Operation
Power Source:	AC Input: 100 – 240 VAC (50-60Hz) DC Input: 10 –14 VDC
Input Current:	AC Input: 300 mA Max. DC Input: 1.4 A Max.
Output Voltage:	3.3Vdc 4.3Vdc 5.0Vdc 6.5Vdc 7.0Vdc 8.4Vdc
Output Current:	1.6A Max.

Maxell Limited Warranty

Maxell Corporation of America warrants this product to the original purchaser against defects in material and workmanship for a period of one year from the date of purchase. Maxell will, at its option, repair or replace the defective product at no cost to you during the warranty period. The warranty will not apply if the unit has been subject to accident, misuse, abuse, disassembly, alteration or opened contrary to the instructions contained in the accompanying manual. To obtain warranty service, proof of purchase in the form of retailer's bill of sale or invoice must be presented as evidence that the unit is within the warranty period. The product must be packaged either in its original packaging or in such a way as to reasonably protect it from shipping damage. Product should be sent prepaid to: Maxell Corporation of America, P.O. Box 900, Fair Lawn, NJ 07410-0900.

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